Applicant(s)/Patent under Application/Control No. **Index of Claims** Reexamination 09/688,672 SKEIKY ET AL. Examiner **Art Unit** Rodney P. Swartz, Ph.D. 1645 page 2 (Through numeral) Cancelled Rejected Non-Elected **Appeal** N Α 0

Interference

Objected

Restricted

**Allowed** 

Cla	aim	Τ				Date	е				].	Cla	aim				D	ate				].	CI	aim					ate	)			
Final	Original	7/21/06										Final	Original										Final	Original	7/21/06								
<u>"</u>		<u> </u>																$\downarrow$	$\perp$	1					1/2						$\perp$	$\downarrow$	
	1	=	$\vdash$	$\dashv$		⊢	-	-	-	-	-	<u> </u>	51 52	$\vdash$	_	$\dashv$	+	+	+	+	╁	-		101 102	Н	$\vdash$	-	-	$\dashv$	$\dashv$	+	$\dashv$	$\dashv$
	3	=	$\vdash$	$\dashv$		_	-	-	$\vdash$	_	1		52 53	Н	$\dashv$	$\dashv$	-+	+	+	+	+	1		103	Н	$\vdash$	-	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	ᅱ
-	4	Ē		$\dashv$		-	_	-	-		1		54	Н		$\dashv$	╅	╁	+	+	+	1		103	Н	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	+	ᅥ
	5	=	Н	$\dashv$		-	_	┢╾	Н		1	<u> </u>	55	Н	-	十	$\dashv$	$\dashv$	+	$\dagger$	+-	1		105	=	$\dashv$	$\dashv$	$\dashv$	_	$\dashv$	$\dashv$	十	$\dashv$
	6	=	Н							_			56	Н	T	十	十	$\dashv$	+	$\top$	╈	1		106	=	$\dashv$	┪	$\dashv$	┪	寸	_	$\top$	┪
	7	=											57	H		7	十	十	T	1	1	1		107	=			T				十	ヿ
	8	=	П					Γ	П				58				$\neg$	T	T	丁	Τ	1		108	=					T		I	ヿ
	9												59									] ;		109	=							$\perp$	
	10												60							$\perp$	$\perp$	1 4		110				Ш			$\perp$	$\bot$	
	11	=						L	Ш		1	<u> </u>	61	Ш		$\perp$	$\perp$	_	_	1	1	1		111	=	Щ	]	$\sqcup$	_	_	$\perp$	$\dashv$	$\sqcup$
<u> </u>	12	=	Ш	_		_	<u> </u>	<u> </u>	<u> </u>		1		62	Ш		4	_	$\dashv$	4	+	+	1		112	=	$\sqcup$		$\dashv$	_	_	_	+	$\dashv$
<u> </u>	13	=	Н			<del> </del>	<u> </u>	<u> </u>	Н		1		63	Н	$\vdash$			-	-	+	+			113	=	$\vdash \vdash$		$\dashv$		$\dashv$	+	+	4
	14 15	=	Н						$\vdash$		{	<b>—</b>	64 65	Н		+	-	$\dashv$	+	+	+	a , ,	<u> </u>	114 115	=	$\vdash$	$\dashv$	$\dashv$	-	+	+	+	$\dashv$
<u> </u>	16	<del>-</del>	Н			$\vdash$	$\vdash$	$\vdash$	$\vdash$		{	$\vdash$	66	$\vdash$	-	+	+	$\dashv$	+	+	+		<b></b>	115	┝═╢	$\vdash$	-	$\dashv$	$\dashv$	$\dashv$	+	+	$\dashv$
<b>—</b>	17	▐	Н				$\vdash$	<del> </del>	$\vdash$		1	1	67	$\vdash$	- 1	$\dashv$	+	十	+	+	+	أمريا		l	$\vdash$	$\vdash$	-	$\dashv$	$\dashv$	+	$\dashv$	+	$\dashv$
	18	1	H				-	<del>                                     </del>	$\vdash$		1	-	68	Н	1	$\dashv$	+	$\dashv$	+	$\top$	t	1			Н	$\vdash$	$\vdash$	$\neg$				+	$\dashv$
	19	=	П						П		1		69	М	$\neg$	$\dashv$	$\top$	$\dashv$	$\top$	$\top$	T	1		<b> </b>	П	$\vdash$		$\dashv$	$\neg$	$\dashv$	寸	$\top$	$\dashv$
	20	1									]		70			1	丁	_	丁		I	]										$\Box$	
	21	1											71			T.		T	Т	T	Т	. :										$\Box$	
	22	1									10		72					$\perp$	$\perp$	$\perp$		g. 22										$\Box$	
	23	V	Ш	_							h		73	Ш	$\perp$	$\perp$	$\dashv$	$\perp$	_	$\perp$	$\perp$					Ш		Ш		_	_	$\dashv$	_
<u></u>	24	1	$\square$			_	_	<u> </u>			20 mg	<u> </u>	74		_	4	$\dashv$	_	_	$\bot$	1	J						Ш				+	4
	25	1	$\vdash$	$\dashv$			_	<u> </u>	Ш		-		75	Н	-	$\dashv$	-	+	+	+	+-	1 6			Н	-		Н			-	+	$\dashv$
	26 27	1	$\vdash$			-	-				s	-	76 77	Н		+	+	+	+	+	+	1			Н	$\dashv$	-	$\dashv$	$\dashv$			+	$\dashv$
	28	<u>`</u>	Н			-	-	-			<b>争</b> 。	<b>-</b>	78	Н		+	+	+	+	+	╁	t i			Н		_	$\dashv$	ᆔ	$\dashv$	$\dashv$	$\dashv$	ᅱ
_	29	├	Н	-		$\vdash$	-	╁	$\vdash$				79	Н		+	$\dashv$	+	+	+	+	1				$\dashv$		$\dashv$	ᅱ	$\dashv$	-	$\dashv$	$\dashv$
	30	$\vdash$	П	$\dashv$				<del>                                     </del>					80	П	T	T	$\top$	$\dashv$	十	十	T	1				$\Box$		$\dashv$	寸	_	$\dashv$	_	ヿ
	31	$\vdash$	П					-			1		81	П		$\dashv$	$\neg$	寸	1	1	T				П	$\Box$			$\neg$			$\top$	ヿ
	32										] .		82				$\Box$	$\Box$	╧		L	]											
	33												83			$\Box$	$\perp$	$\perp$	$\perp$									$\square$		$\Box$	$\perp$	$\perp$	
	34	<u> </u>	Ш			<u> </u>	<u> </u>	<u> </u>	$\sqcup$		*		84	Ш	Щ	4	$\dashv$	_	$\bot$	4_	4	1			Ш	$\sqcup$		$\sqcup$	_	_	_	$\dashv$	ᅵ
<u></u>	35	<u> </u>	Ш			<u> </u>	<u> </u>	ļ.,	Щ		1		85	$\vdash \vdash$	_	_			4	4	4-	1			Ш	$\sqcup$		,—	_	_	4	+	4
<b> </b>	36 37	-	$\vdash$		-	<u> </u>	├	├	$\vdash$		-	<u> </u>	86 87	$\vdash$	$\dashv$	$\dashv$	+	+	+	+-	+-	1			$\vdash$	$\vdash \vdash$		$\rightarrow$	$\dashv$	$\dashv$	+	+	$\dashv$
-	38	⊢	$\vdash$	$\dashv$	_	<del>                                     </del>	$\vdash$	├	$\vdash$	_	1		88	$\vdash$		$\dashv$	+	+	+	+	+-	1		<b> </b>	$\vdash$	$\vdash \vdash$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	+	$\dashv$
-	39	+-	$\vdash$	$\dashv$		$\vdash$	-	+-	$\vdash$	_	1		89	$\vdash$		+	+	+	+	╁	+-	1		<u></u>	Н	$\vdash$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$
	40	-	Н	$\dashv$	-	<del>                                     </del>	-	<del>                                     </del>	$\vdash$	-	1	<del> </del>	90	Н	-	-+	+	+	+	╁	+-	1			$\vdash$	$\vdash$		$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	$\dashv$
	41	$\vdash$	$\vdash$	$\dashv$	_	$\vdash$	$\vdash$	<del>                                     </del>	$\vdash$	_	1		91	Н		$\dashv$	+	$\dashv$	+	+	+	1			$\vdash$	$\vdash$	$\dashv$	$\sqcap$	$\dashv$	$\dashv$	$\dashv$	+	$\dashv$
	42							<u> </u>			1		92	П		$\dashv$	$\top$	$\top$	1	1	1	1			П	$\Box$		$\Box$	寸		$\dashv$	十	ヿ
	43										]		93								I	]									」	丁	
	44										]		94							$\perp$	I	]										$\Box$	
	45	Ĺ	Ш	$\Box$						_	1		95				$\perp$	$\Box$	$\bot$	Ţ	$\perp$	1									$\Box$	$\bot$	
	46	_	Ш		_			<u> </u>	Ш		1		96	Ш		_	4	$\perp$	$\perp$	$\bot$	1	1	<u> </u>	<u> </u>	Щ	Ш		Щ		_	_	$\dashv$	$ \bot $
<u></u>	47	_	Ш	_			$\vdash$	_	Ш				97	$\sqcup$	$\Box$	4	$\perp$	$\perp$	$\bot$	4	1	1	L		Щ	Щ		Щ	$\dashv$	_	4	$\dashv$	ᆜ
	48	-	$\vdash \vdash$		_	_	-		$\vdash$		-	<u> </u>	98	Н	$\dashv$	-	4	-	+	+	+-	1			Щ	$\sqcup$		<del>                                     </del>	_	4	-	$\dashv$	$\dashv$
-	49	-				-		-	$\vdash$		1		99	$\vdash$		-	+	$\dashv$	+	+	+	1	<u> </u>	<u> </u>	Н	$\vdash \vdash$	$\vdash$		$\dashv$		$\dashv$	$\dashv$	4
L	50	ـــ	لـــا			L	L	ட	ш		J	L	100	$\Box$	╙						Щ_	J	L	<u> </u>	L	Ш		Ш				丄	J

II	ndex	of CI	aims	
	I I I I I I I I I I I I I I I I I I I			Ш

Application No.	Applicant(s)	
09/688,672	SKEIKY ET AL.	
Examiner	Art Unit	
Rodney P. Swartz, Ph.D.	1645	

Rejected	_	(Through numeral) Cancelled
 Allowed	÷	Restricted

Z	Non-Elected	
ı	Interference	

A	Appeal
0	Objected

		_					'			
Cla	im				[	Date	<del></del>			
Final	Original	3/28/02	4/21/03	11/11/03	2/16/04	5/4/04	8/31/04	4/6/05	10/5/05	1/31/06
	1	+	1	1	1	1	=	=	=	=
	2	+	1	7 7 7	1	1	1	=	=	=
	3	+	1	1	1	1	1	=	=	=
	4 5	+	1	1	1	٧	=	=	=	=
		+	1	1	1	1	1	1	1	=
	6	+	1	1	V	1	1	1	1	=
	7	+	1	1	V	7	=	=	=	=
	8	+		1	<b>V</b>		٧	=	=	=
	9	+	7 7 7	1	1	7	<u> </u>	<u> </u>	-	
	10	+	V	7	7	7		_	_	
	11	+				1	<b>√</b>	=	=	=
-	12	+	1	1	1	1	<u>-</u> √	=	-	-
	13	+	1	1	1		1	=	=	-
	12 13 14 15 16	+	1	7	1	7	<u> </u>	<del>  -</del>	Ι <u>-</u>	<u>-</u>
	16	+	1	7	1	1	7	-	-	-
	17	+	1	1	1	1	7	=	=	=
	18	+	1	1	1	1	<u> </u>	=	=	=
	18 19	+	1	1	1	1	7	1	1	7
	20	+	1	1	1	1	Ė	<u> </u>	_	=
	21	+		1	V	V	╘	=	=	=
	22	+	1	1	1	Ì	┰	╘	=	=
	20 21 22 23	+		V	1	V	=	=	=	=
	24	+	1	1	1	V	=	=	=	=
	24 25	+	777	1	1	1	=	=	=	=
	26	+	1	1	1	1	=	=	=	=
	26 27 28	+	1	7	7	1	=	=	=	=
	28	+	1							
	29 30	+								
	30	+								
	31	+						_		
	32	+		L_			<u> </u>	<u> </u>	L_	Щ
	33	+	_		<u> </u>		_	<u> </u>	ļ	
	34	+	<u> </u>		L.,	_	_	<u> </u>	ļ	
	35 36	+	<u> </u>	_		_	_	<u> </u>	$\vdash$	Ш
	36	+	_	_		_		├	<u> </u>	
	37	+	-	-		_	<u> </u>	-	-	
	38 39	+	-		_	-	<u> </u>	-	-	_
		├			-	-	-	-		-
	40 41	+	-		-	-		┝	-	-
	42	+			-	-		<del>                                     </del>		$\vdash$
	43	+		-		$\vdash$	-	$\vdash$		$\vdash$
,	44	+	$\vdash$	$\vdash$	Н	Н	$\vdash$		$\vdash$	Н
	45	+	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$		Н
	46	+	_	_	H	_	Н	Т	$\vdash$	Н
	47	+			_	$\vdash$	$\vdash$	$\vdash$		$\vdash$
-	48	+		$\vdash$		Г				$\Box$
	49	+		$\overline{}$	П	Т		Г		
	50				_	_		_	_	_

Cla	aim			_	[	Date	=			
Final	Original	3/28/02	8/31/04							
	51 52	+		Т						
	52	+		Г						
-	53	+								
	53 54	+								
	55	+								
	56	+								
	57	+								
	58	+								
<u></u>	59	+	L	L						
<u> </u>	60	+								
L	61 62	+							L	
L	62	+								
-	63	+								_
·	64 65	+		L_	<u> </u>	<u> </u>	L_	<u> </u>	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	<u> </u>
·	65	+			_	$ldsymbol{ld}}}}}}$		_		
	66	+								
	67	+	_	_	<u> </u>					
	68	+	<u> </u>	<u> </u>	<u> </u>	<u> </u>			_	
<u> </u>	69	+				L				
<u> </u>	70	+	L	_	L	<u> </u>		<u> </u>	L	oxdot
L	71	+	_	_	<u> </u>	$ldsymbol{ldsymbol{ldsymbol{eta}}}$				
<u> </u>	72	+	L.		L_					L.,
	72 73 74	+	_		_	<u> </u>	_	_	_	<u> </u>
	74	+	_			_		_	_	_
-	75 76	+	_	<u> </u>						
	76	+	_			<u> </u>		<u> </u>	<u> </u>	_
-	77	+	_	<u> </u>	_			<u> </u>	L	<u> </u>
	78 79	+			-			<u> </u>		
	80	+	-	-	├	├		<u> </u>	_	<u> </u>
-	81	+	⊢	<u> </u>	⊢	├		┝		⊢
.—	82	+		┝	┝	H		$\vdash$	<u> </u>	<u> </u>
-	83	+	-	-	├	├		├	-	├
-	84	+	$\vdash$	$\vdash$	⊢	$\vdash$		⊢	-	┝┈
	85	+	-	<del> </del>	$\vdash$	$\vdash$	<u> </u>	<del> </del>	-	-
$\vdash$	86	+	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$
<b>—</b>	87	+		Ι	<del>  -</del>	<del> </del>		├	-	Η-
	88	+	<del>                                     </del>	┢	╁	$\vdash$	Η-	<del>                                     </del>	<del>                                     </del>	H
	89	+	$\vdash$	$\vdash$	T	<del>                                     </del>	_	$\vdash$	$\vdash$	$\vdash$
	90	+		<u> </u>	┢	<del>                                     </del>	-	1	1	-
	91	+			<del>                                     </del>	┢				
	92	+		$\vdash$	$\vdash$	<del>                                     </del>	Г			
	93	+			<u> </u>	T		$\vdash$		
	94	+				Γ				_
	95	+	Г			Γ			Г	Г
	96	+								
	97	+								
	98	l+								
	99	+								
	100	+								

IEU   IEU   CO 80	Cı	aim.	Date											
101 +	- 01	21111	-	_			Jak				$\dashv$			
107 + V V V V V = = =   108 + V V V V V V = = =   109 + V V V V V V = = =   110 + V V V V V V V = = =   111 + V V V V V V V = = =   113 + V V V V V V V = = =   114 + V V V V V V V = = =   115 + V V V V V V V = = =   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   148   149	Final	Original	3/28/02	4/21/03	11/11/03	2/16/04	5/4/04	8/31/04	4/6/05	10/5/05	1/31/06			
107 + V V V V V = = =   108 + V V V V V V = = =   109 + V V V V V V = = =   110 + V V V V V V V = = =   111 + V V V V V V V = = =   113 + V V V V V V V = = =   114 + V V V V V V V = = =   115 + V V V V V V V = = =   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   148   149		101	+											
107 + V V V V V = = =   108 + V V V V V V = = =   109 + V V V V V V = = =   110 + V V V V V V V = = =   111 + V V V V V V V = = =   113 + V V V V V V V = = =   114 + V V V V V V V = = =   115 + V V V V V V V = = =   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   148   149		102	+											
107 + V V V V V = = =   108 + V V V V V V = = =   109 + V V V V V V = = =   110 + V V V V V V V = = =   111 + V V V V V V V = = =   113 + V V V V V V V = = =   114 + V V V V V V V = = =   115 + V V V V V V V = = =   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   148   149		103	⊢	L_							$\Box$			
107 + V V V V V = = =   108 + V V V V V V = = =   109 + V V V V V V = = =   110 + V V V V V V V = = =   111 + V V V V V V V = = =   113 + V V V V V V V = = =   114 + V V V V V V V = = =   115 + V V V V V V V = = =   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   148   149		104	_	L.	ļ.,									
107 + V V V V V = = =   108 + V V V V V V = = =   109 + V V V V V V = = =   110 + V V V V V V V = = =   111 + V V V V V V V = = =   113 + V V V V V V V = = =   114 + V V V V V V V = = =   115 + V V V V V V V = = =   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   148   149		105	_						=	=	=			
110		106	-	1	7	٧			=	=	=			
110		107		1	7	7	7	7	-	-	-			
110		100	_			1		7	=	=	╗			
114 + V V V V V   = = = =   =		110	-		Ì	Ì	Ì	Ť			$\dashv$			
114 + V V V V V   = = = =   =		111	+	1	1	1	1	1	=	=	=			
114 + V V V V V   = = = =   =		112	+		1	1	7	7	=	=	=			
114 + V V V V V   = = = =   =		113	+						=	Ξ	=			
117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149		114		1	V	V		V	=	=	=			
117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149		115	<u> </u>	1	1	٧	1	1	=	=	=			
120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149	<u> </u>	116	<u> </u>	<u> </u>	<u> </u>		L	L	<u> </u>	<u> </u>				
120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149		117	⊢	_	_			_		$\vdash$	$\vdash$			
120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149		119	⊢				_	<u> </u>	<del> </del>	┝				
135 136 137 138 139 140 141 142 143 144 145 146 147 148		120	$\vdash$						<u> </u>	H				
135 136 137 138 139 140 141 142 143 144 145 146 147 148		121		-										
135 136 137 138 139 140 141 142 143 144 145 146 147 148		122												
135 136 137 138 139 140 141 142 143 144 145 146 147 148		123												
135 136 137 138 139 140 141 142 143 144 145 146 147 148		124	<u> </u>	L			L				Ц			
135 136 137 138 139 140 141 142 143 144 145 146 147 148		125	<u> </u>								$\dashv$			
135 136 137 138 139 140 141 142 143 144 145 146 147 148		120	-	<del> </del>						-	$\dashv$			
135 136 137 138 139 140 141 142 143 144 145 146 147 148		128	<b> </b> -				-				$\dashv$			
135 136 137 138 139 140 141 142 143 144 145 146 147 148		129	_	<del>                                     </del>				-	-		$\dashv$			
135 136 137 138 139 140 141 142 143 144 145 146 147 148		130	T								T			
135 136 137 138 139 140 141 142 143 144 145 146 147 148		131												
135 136 137 138 139 140 141 142 143 144 145 146 147 148		132												
135 136 137 138 139 140 141 142 143 144 145 146 147 148		133	L											
140 141 142 143 144 145 146 147 148 149		134	<u> </u>						L_		$\Box$			
140 141 142 143 144 145 146 147 148 149		135	-	<u> </u>	_	_	_	$\vdash$		<u> </u>	$\vdash\vdash$			
140 141 142 143 144 145 146 147 148 149	-	137	├─	-		-	<u> </u>		-	$\vdash$	$\vdash$			
140 141 142 143 144 145 146 147 148 149	<u> </u>	138		-	-	H	-	_	┝	H				
140 141 142 143 144 145 146 147 148 149		139	┢═	$\vdash$			_	$\vdash$	$\vdash$					
141 142 143 144 145 146 147 148 149			<u> </u>		Г				Г	Г	$\Box$			
143 144 145 146 147 148 149		141												
144 145 146 147 148 149														
145 146 147 148 149	L		L	L		<u> </u>	L	L	L_	L	Ш			
146 147 148 149			<u> </u>	_	_	<u> </u>	L	<u> </u>	_	<u> </u>	Ш			
147 148 149	<b> </b>		-	$\vdash$	H	H	<u> </u>	$\vdash$	├-	-	$\vdash$			
148			├-	-	-	H	Ι.	H		$\vdash$	Н			
149				-	<u> </u>	$\vdash$	-	-	$\vdash$		Н			
			$\vdash$	-	_	H		_	$\vdash$	$\vdash$	$\vdash$			
		150												